

**In the specification:**

Please delete the Sequence Listing (pages 1-677) and replace it with the substitute Sequence Listing, pages 1-677, filed herewith.

→<sup>N.E.</sup> At page 49, line 27, after "GGAAACAGTATGACCATG-3" please insert --(SEQ ID NO:479)--.

→<sup>N.E.</sup> At page 49, line 27, after "5'-GTAAAACGACGGCCAGT-3" please insert --(SEQ ID NO:480)--.

**REMARKS**

In accordance with 37 C.F.R. § 1.825, Applicant submits herewith substitute pages 1-677 which contain a substitute Sequence Listing for the above-referenced application. The specification has amended to include substitute pages 1-677.

In addition, Applicant submits concurrently herewith to BOX SEQUENCE a computer-readable form (Diskette) of the substitute Sequence Listing which is identical in substance to the paper copy of the substitute Sequence Listing on substitute pages 1-677 submitted herewith. No new matter has been added. Accordingly, as the above amendments do not affect the issue of patentability, it is respectfully requested that they be entered.

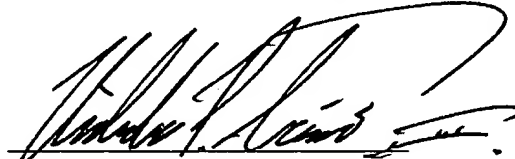
**CONCLUSION**

In view of the amendments and remarks set forth above, it is respectfully submitted that this application is in condition for allowance. If there are any remaining issues or the Examiner

believes that a telephone conversation with Applicants' Attorney would be helpful in expediting prosecution of this application, the Examiner is invited to call the undersigned at (617) 227-7400.

Respectfully submitted,

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